

October 12, 2020

Regional Administrator
Air and Radiation Division
C/O Kathleen D'Agostino
US EPA, Region 5 (A-18J)
77 West Jackson Boulevard
Chicago, IL 60604
dagostino.kathleen@epa.gov

**Re: Hibbing Taconite Company's Quarter 3, 2020
Excess Emissions & Monitoring Performance Report
Permit Number 13700061**

Ms. D'Agostino:

Hibbing Taconite Company (HTC) is subject to the 2016 Revision to 2013 Taconite Federal Implementation Plan Establishing BART for Taconite Plants (FIP) which requires the installation of Continuous Emission Monitors (CEMS) to monitor nitrogen oxides (NO_x) and sulfur dioxide (SO₂). This submittal satisfies the requirements of 40 CFR 52.1235(e)(7).

Per 40 CFR 52.1235(c)(4)(v), HTC is to provide a report of each performance evaluation and QA/QC check within 60 days of completion. The most recent performance evaluation results were submitted to the EPA on September 25th, 2020 from the CGAs performed during August 2020. A summary of the results is attached in Attachment A. During the reporting period, there were no out-of-control periods from the daily calibration drift assessments.

HTC does not have a limit in effect at this time associated with the NO_x CEMS, therefore the proposed NO_x limit listed in the FIP is not yet enforceable. The initial SO₂ limit came into effect during the 1st Quarter 2017 reporting period and was revised on April 11, 2018 to 347.4 lbs SO₂/hr. Attached is HTC's Quarterly Excess Emissions and Monitoring System Performance Report. Considering that HTC's NO_x limit is not yet enforceable, HTC's report will contain a zero (0) in the boxes related to excess emission events. Periods of downtime that occurred during this reporting quarter are listed by monitor in the attached report.

Please contact Julie Lucas at (218) 262-6856 or julie.lucas@arcelormittal.com if you have any questions regarding this report.

I certify, based on the information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Sincerely,



Edward LaTendresse
General Manager

Cc: Julie Lucas, HTC
Rich Zavoda, ArcelorMittal

Attachment A: Quality Control Reporting

Relative Accuracy Test Audit Results

Cylinder Gas Audit Results

RATA's

Emission Unit (EU)	Stack Vent (SV)	EU Description	Monitor	Pollutant	Audit Date	Results (%)	Next Test Due	Pass/Fail	Comments
020	021	Furnace Line One, Stack 1	No MR	NO _x	7/17/2019	6.0	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/17/2019	5.0	3rd Quarter, 2020	Pass	Results less than 20%
	022	Furnace Line One, Stack 2	No MR	NO _x	7/18/2019	5.8	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/18/2019	9.5	3rd Quarter, 2020	Pass	Results less than 20%
	023	Furnace Line One, Stack 3	No MR	NO _x	7/17/2019	2.0	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/17/2019	14.7	3rd Quarter, 2020	Pass	Results less than 20%
	024	Furnace Line One, Stack 4	No MR	NO _x	7/18/2019	13.0	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/18/2019	14.2	3rd Quarter, 2020	Pass	Results less than 20%
021	025	Furnace Line Two, Stack 4	No MR	NO _x	7/16/2019	4.1	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/16/2019	3.8	3rd Quarter, 2020	Pass	Results less than 20%
	026	Furnace Line Two, Stack 3	No MR	NO _x	7/16/2019	5.0	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/16/2019	5.1	3rd Quarter, 2020	Pass	Results less than 20%
	027	Furnace Line Two, Stack 2	No MR	NO _x	7/16/2019	5.1	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/16/2019	4.0	3rd Quarter, 2020	Pass	Results less than 20%
	028	Furnace Line Two, Stack 1	No MR	NO _x	7/16/2019	9.1	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/16/2019	8.5	3rd Quarter, 2020	Pass	Results less than 20%
022	029	Furnace Line One, Stack 1	No MR	NO _x	7/15/2019	6.2	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/15/2019	6.0	3rd Quarter, 2020	Pass	Results less than 20%
	030	Furnace Line One, Stack 2	No MR	NO _x	7/15/2019	5.6	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/15/2019	11.2	3rd Quarter, 2020	Pass	Results less than 20%
	031	Furnace Line One, Stack 3	No MR	NO _x	7/15/2019	3.8	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/15/2019	9.5	3rd Quarter, 2020	Pass	Results less than 20%
	032	Furnace Line One, Stack 4	No MR	NO _x	7/15/2019	6.5	3rd Quarter, 2020	Pass	Results less than 20%
				SO ₂	7/15/2019	10.8	3rd Quarter, 2020	Pass	Results less than 20%

*The full RATA report has previously been submitted to the EPA. Refer to the referenced report for more information.

CGA's									
Emission Unit (EU)	Stack Vent (SV)	EU Description	Monitor	Pollutant	Audit Date	Results (L/M%)	Next Test Due	Pass/Fail	Comments
020	021	021	No MR	NO _x	4/28/2020	1.8/4.0	4th Quarter, 2020	Pass	None
				SO ₂	4/29/2020	1.8/2.5	4th Quarter, 2020	Pass	
	022	022	No MR	NO _x	4/28/2020	0.3/2.1	4th Quarter, 2020	Pass	
				SO ₂	4/29/2020	0.1/0.6	4th Quarter, 2020	Pass	
	023	023	No MR	NO _x	4/28/2020	2.7/0.4	4th Quarter, 2020	Pass	
				SO ₂	4/29/2020	1.4/2.0	4th Quarter, 2020	Pass	
	024	024	No MR	NO _x	4/28/2020	0.9/3.4	4th Quarter, 2020	Pass	
				SO ₂	4/29/2020	1.3/1.1	4th Quarter, 2020	Pass	
021	025	025	No MR	NO _x	4/29/2020	0.2/2.9	4th Quarter, 2020	Pass	None
				SO ₂	4/28/2020	3.9/1.0	4th Quarter, 2020	Pass	
	026	026	No MR	NO _x	4/29/2020	3.0/0.4	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	8.0/4.8	4th Quarter, 2020	Pass	
	027	027	No MR	NO _x	4/29/2020	4.8/2.4	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	2.9/3.5	4th Quarter, 2020	Pass	
	028	028	No MR	NO _x	4/29/2020	5.4/3.3	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	2.2/0.4	4th Quarter, 2020	Pass	
022	029	029	No MR	NO _x	4/29/2020	0.1/2.2	4th Quarter, 2020	Pass	None
				SO ₂	4/28/2020	4.5/5.2	4th Quarter, 2020	Pass	
	030	030	No MR	NO _x	4/29/2020	2.8/0.6	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	3.6/3.2	4th Quarter, 2020	Pass	
	031	031	No MR	NO _x	4/29/2020	3.0/1.3	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	3.0/3.5	4th Quarter, 2020	Pass	
	032	032	No MR	NO _x	4/29/2020	0.5/1.2	4th Quarter, 2020	Pass	
				SO ₂	4/28/2020	4.5/4.5	4th Quarter, 2020	Pass	
* Alternate Specification in PPM if noted with asterisk									

CYLINDER GAS AUDIT INFORMATION						
Gas	Test Level	Analyzers	Cylinder ID Number	Date of Certification	Type of Certification	Certified Audit Value
NOX	Low	SV021-SV032	CC445373	2/8/2019	EPA Protocol	50.71
NOX	Mid	SV021-SV032	CC162136	12/10/2019	EPA Protocol	99.33
SO2	Low	SV021-SV032	CC268206	4/3/2019	EPA Protocol	12.44
SO2	Mid	SV021-SV032	CC60559	11/20/2019	EPA Protocol	26.05

Attachment B: Excess Emissions Report

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
Company Name: Hibbing Taconite Company
Company Address: 4950 Hwy 5 North
Hibbing MN
Process Unit Identification: EU020, EU021, EU022
Process Unit Description: Pellet Indurating Furnace Line No. 1, 2 & 3; straight grate indurating furnaces.
Total Source Operating Time in Reporting Period: See Individual Stacks
Total Source Operating Days in Reporting Period: See Individual Stacks
Emission Limitation: 347.4 lbs SO₂/hr (30 day rolling average)
Analyzer Analyte: SO₂
Analyzer Manufacturer: See Individual Stacks
Analyzer Manufacturer Model No.: See Individual Stacks
Analyzer Serial Number: See Individual Stacks
Date of Latest CMS Certification or Audit: See Individual Stacks
Description of changes in CEMS, processes, or controls since last reporting period: See Individual Stacks

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
See Individual Stacks				

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
Company Name: Hibbing Taconite Company
Company Address: 4950 Hwy 5 North
Hibbing MN
Process Unit Identification: EU020
Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.
Total Source Operating Time in Reporting Period: 1,206 hours
Total Source Operating Days in Reporting Period: 51 days
Emission Limitation: N/A
Analyzer Analyte: NOX
Analyzer Manufacturer: See Individual Stacks
Analyzer Manufacturer Model No.: See Individual Stacks
Analyzer Serial Number: See Individual Stacks
Date of Latest CMS Certification or Audit: See Individual Stacks
Description of changes in CEMS, processes, or controls since last reporting period: See Individual Stacks

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
See Individual Stacks				

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV021

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 225
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV021

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 137
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV021

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: Stack Flow
 Analyzer Manufacturer: Sick Maihak
 Analyzer Manufacturer Model No.: FLSE 100-H K178 35HSBS
 Analyzer Serial Number: 8398564/18118323
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Corrective Action
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV022

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 226
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV022

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 136
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: **July 1, 2020 - September 30, 2020**

Company Name: **Hibbing Taconite Company**

Company Address: **4950 Hwy 5 North**

Hibbing MN

Process Unit Identification: **EU020 SV022**

Process Unit Description: **Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,206 hours**

Total Source Operating Days in Reporting Period: **51 days**

Emission Limitation: **N/A**

Analyzer Analyte: **Stack Flow**

Analyzer Manufacturer: **Sick Maihak**

Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**

Analyzer Serial Number: **11318687/ 11318690**

Date of Latest CMS Certification or Audit: **8/10/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	3.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	3.0
3. Total CMS Downtime (%)	0.25%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
08/06/2020 00:00	08/06/2020 00:59	1.0	Monitor equipment malfunctions	Flow meter cleaned. Returned to operation. Followed SSM plan.
08/06/2020 09:00	08/06/2020 10:59	2.0	Monitor equipment malfunctions	Flow meter cleaned. Returned to operation. Followed SSM plan.
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV023

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Moniror Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 224
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV023
 Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.
 Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 134
 Date of Latest CMS Certification or Audit: 8/10/2020
 Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV023
 Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.
 Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: Stack Flow
 Analyzer Manufacturer: Sick Maihak
 Analyzer Manufacturer Model No.: FLSE 100-H K178 35SHSHS
 Analyzer Serial Number: 11318686/ 11318679
 Date of Latest CMS Certification or Audit: 8/10/2020
 Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV024

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Moniror Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 215
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU020 SV024

Process Unit Description: Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,206 hours
 Total Source Operating Days in Reporting Period: 51 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 135
 Date of Latest CMS Certification or Audit: 8/10/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North
Hibbing MN**
 Process Unit Identification: **EU020 SV024**

Process Unit Description: **Pellet Indurating Furnace Line No. 1; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,206 hours**
 Total Source Operating Days in Reporting Period: **51 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **Stack Flow**
 Analyzer Manufacturer: **Sick Maihak**
 Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**
 Analyzer Serial Number: **13438339/11168507**
 Date of Latest CMS Certification or Audit: **8/10/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Reporting Period Dates: **July 1, 2020 - September 30, 2020**

NOX CGA or RATA 8/10/2020

SO2 CGA or RATA 8/10/2020

Flow CGA or RATA 8/10/2020

Total Source Operating Time in Reporting Period:

1,206 hours

Total Source Operating Days in Reporting Period:

51 days

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021
 Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.
 Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: See Individual Stacks
 Analyzer Manufacturer Model No.: See Individual Stacks
 Analyzer Serial Number: See Individual Stacks
 Date of Latest CMS Certification or Audit: See Individual Stacks
 Description of changes in CEMS, processes, or controls since last reporting period: See Individual Stacks

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
See Individual Stacks				
		0.0		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV025

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 199
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV025

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 119
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North**
Hibbing MN
 Process Unit Identification: **EU021 SV025**

Process Unit Description: **Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,064 hours**
 Total Source Operating Days in Reporting Period: **46 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **Stack Flow**
 Analyzer Manufacturer: **Sick Maihak**
 Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**
 Analyzer Serial Number: **11318688/ 11318689**
 Date of Latest CMS Certification or Audit: **8/11/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV026

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 197
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	2.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	2.0
3. Total CMS Downtime (%)	0.19%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
8/8/2020 21:00	8/8/2020 22:59	2.0	Other known causes	Shelter AC issues resolved. Returned to operation. Followed SSM plan.
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV026

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 116
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	2.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	2.0
3. Total CMS Downtime (%)	0.19%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
8/8/2020 21:00	8/8/2020 22:59	2.0	Other known causes	Shelter AC issues resolved. Returned to operation. Followed SSM plan.
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV026

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: Stack Flow
 Analyzer Manufacturer: Sick Maihak
 Analyzer Manufacturer Model No.: FLSE 100-H K178 35SHSHS
 Analyzer Serial Number: 11318672/ 8398565
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV027

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 179
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV027

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 115
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North**
Hibbing MN
 Process Unit Identification: **EU021 SV027**

Process Unit Description: **Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,064 hours**
 Total Source Operating Days in Reporting Period: **46 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **Stack Flow**
 Analyzer Manufacturer: **Sick Maihak**
 Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**
 Analyzer Serial Number: **11318684/ 11318691**
 Date of Latest CMS Certification or Audit: **8/11/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV028

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 198
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV028

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 117
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of downtime during this reporting period.				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU021 SV028

Process Unit Description: Pellet Indurating Furnace Line No. 2; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,064 hours
 Total Source Operating Days in Reporting Period: 46 days
 Emission Limitation: N/A
 Analyzer Analyte: Stack Flow
 Analyzer Manufacturer: Sick Maihak
 Analyzer Manufacturer Model No.: FLSE 100-H K178 35SHS
 Analyzer Serial Number: 11318678/ 11318673
 Date of Latest CMS Certification or Audit: 8/11/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	3.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	3.0
3. Total CMS Downtime (%)	0.28%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Corrective Action
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
09/28/2020 01:00	09/28/2020 03:59	3.0	Monitor equipment malfunctions	Flow meter cleaned. Returned to operation. Followed SSM plan.
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
Company Name: Hibbing Taconite Company
Company Address: 4950 Hwy 5 North
Hibbing MN
Process Unit Identification: EU022
Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.
Total Source Operating Time in Reporting Period: 1,403 hours
Total Source Operating Days in Reporting Period: 59 days
Emission Limitation: N/A
Analyzer Analyte: NOX
Analyzer Manufacturer: See Individual Stacks
Analyzer Manufacturer Model No.: See Individual Stacks
Analyzer Serial Number: See Individual Stacks
Date of Latest CMS Certification or Audit: See Individual Stacks
Description of changes in CEMS, processes, or controls since last reporting period: See Individual Stacks

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
See Individual Stacks				
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		
		0.00		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU022 SV029
 Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.
 Total Source Operating Time in Reporting Period: 1,403 hours
 Total Source Operating Days in Reporting Period: 59 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 213
 Date of Latest CMS Certification or Audit: 8/12/2020
 Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU022 SV029

Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,403 hours
 Total Source Operating Days in Reporting Period: 59 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 129
 Date of Latest CMS Certification or Audit: 8/12/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: **July 1, 2020 - September 30, 2020**

Company Name: **Hibbing Taconite Company**

Company Address: **4950 Hwy 5 North**

Hibbing MN

Process Unit Identification: **EU022 SV029**

Process Unit Description: **Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,403 hours**

Total Source Operating Days in Reporting Period: **59 days**

Emission Limitation: **N/A**

Analyzer Analyte: **Stack Flow**

Analyzer Manufacturer: **Sick Maihak**

Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**

Analyzer Serial Number: **11318676/ 11318683**

Date of Latest CMS Certification or Audit: **8/12/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU022 SV030

Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,403 hours
 Total Source Operating Days in Reporting Period: 59 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 212
 Date of Latest CMS Certification or Audit: 8/12/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU022 SV030

Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,403 hours
 Total Source Operating Days in Reporting Period: 59 days
 Emission Limitation: N/A
 Analyzer Analyte: SO2
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T100H
 Analyzer Serial Number: 130
 Date of Latest CMS Certification or Audit: 8/12/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: **July 1, 2020 - September 30, 2020**

Company Name: **Hibbing Taconite Company**

Company Address: **4950 Hwy 5 North**

Hibbing MN

Process Unit Identification: **EU022 SV030**

Process Unit Description: **Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,403 hours**

Total Source Operating Days in Reporting Period: **59 days**

Emission Limitation: **N/A**

Analyzer Analyte: **Stack Flow**

Analyzer Manufacturer: **Sick Maihak**

Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**

Analyzer Serial Number: **11318682/ 11318681**

Date of Latest CMS Certification or Audit: **8/12/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: July 1, 2020 - September 30, 2020
 Company Name: Hibbing Taconite Company
 Company Address: 4950 Hwy 5 North
 Hibbing MN
 Process Unit Identification: EU022 SV031

Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.

Total Source Operating Time in Reporting Period: 1,403 hours
 Total Source Operating Days in Reporting Period: 59 days
 Emission Limitation: N/A
 Analyzer Analyte: NOX
 Analyzer Manufacturer: Teledyne Monitor Labs
 Analyzer Manufacturer Model No.: T200M
 Analyzer Serial Number: 214
 Date of Latest CMS Certification or Audit: 8/12/2020

Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
Company Name: Hibbing Taconite Company
Company Address: 4950 Hwy 5 North
Hibbing MN
Process Unit Identification: EU022 SV031
Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.
Total Source Operating Time in Reporting Period: 1,403 hours
Total Source Operating Days in Reporting Period: 59 days
Emission Limitation: N/A
Analyzer Analyte: SO2
Analyzer Manufacturer: Teledyne Monitor Labs
Analyzer Manufacturer Model No.: T100H
Analyzer Serial Number: 132
Date of Latest CMS Certification or Audit: 8/12/2020
Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

**Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)**

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North**
Hibbing MN
 Process Unit Identification: **EU022 SV031**

Process Unit Description: **Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,403 hours**
 Total Source Operating Days in Reporting Period: **59 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **Stack Flow**
 Analyzer Manufacturer: **Sick Maihak**
 Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**
 Analyzer Serial Number: **11318670/ 11318677**
 Date of Latest CMS Certification or Audit: **8/12/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North**
Hibbing MN
 Process Unit Identification: **EU022 SV032**

Process Unit Description: **Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,403 hours**
 Total Source Operating Days in Reporting Period: **59 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **NOX**
 Analyzer Manufacturer: **Teledyne Monitor Labs**
 Analyzer Manufacturer Model No.: **T200M**
 Analyzer Serial Number: **195**
 Date of Latest CMS Certification or Audit: **8/12/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: July 1, 2020 - September 30, 2020
Company Name: Hibbing Taconite Company
Company Address: 4950 Hwy 5 North
Hibbing MN
Process Unit Identification: EU022 SV032
Process Unit Description: Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.
Total Source Operating Time in Reporting Period: 1,403 hours
Total Source Operating Days in Reporting Period: 59 days
Emission Limitation: N/A
Analyzer Analyte: SO2
Analyzer Manufacturer: Teledyne Monitor Labs
Analyzer Manufacturer Model No.: T100H
Analyzer Serial Number: 131
Date of Latest CMS Certification or Audit: 8/12/2020
Description of changes in CEMS, processes, or controls since last reporting period: N/A

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details						
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Cause of Excess Emissions	Corrective Action
There were no periods of excess emissions during this reporting period						

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		

Quarterly Excess Emissions and Monitoring System Performance Report
Required by 40 CFR 52.1235(e)(7)

Reporting Period Dates: **July 1, 2020 - September 30, 2020**
 Company Name: **Hibbing Taconite Company**
 Company Address: **4950 Hwy 5 North**
Hibbing MN
 Process Unit Identification: **EU022 SV032**

Process Unit Description: **Pellet Indurating Furnace Line No. 3; straight grate indurating furnace.**

Total Source Operating Time in Reporting Period: **1,403 hours**
 Total Source Operating Days in Reporting Period: **59 days**
 Emission Limitation: **N/A**
 Analyzer Analyte: **Stack Flow**
 Analyzer Manufacturer: **Sick Maihak**
 Analyzer Manufacturer Model No.: **FLSE 100-H K178 35SHS**
 Analyzer Serial Number: **11318680/ 11318671**
 Date of Latest CMS Certification or Audit: **8/12/2020**

Description of changes in CEMS, processes, or controls since last reporting period: **N/A**

Excess Emissions Summary	
1. Duration of excess emissions in reporting period due to:	
a. Startup/Shutdown	0.0
b. Control equipment problems	0.0
c. Process problems	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total duration of excess emissions (days)	0.0
3. Total duration of excess emissions (%)	0.00%

CMS Performance Summary	
1. CMS Downtime in reporting period due to:	
a. Monitor equipment malfunctions	0.0
b. Non-Monitor equipment malfunctions	0.0
c. Quality assurance calibration	0.0
d. Other known causes	0.0
e. Unknown causes	0.0
2. Total CMS Downtime (hours)	0.0
3. Total CMS Downtime (%)	0.00%

Excess Emissions Details					
Start Date & Time	End Date & Time	Duration of Excess Emissions (hours)	Pollutant	Magnitude of Emissions	Corrective Action
There were no periods of excess emissions during this reporting period					

CMS Downtime Details				
Start Date & Time	End Date & Time	Duration of Monitor Downtime (hours)	Cause of Monitor Downtime	Corrective Action
There were no periods of monitor downtime during this reporting period				
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		
		0.0		